

INTERNATIONAL SEARCH REPORT

International Application No
PC 1, JS2004/034824

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G03G15/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 273 (P-1545), 26 May 1993 (1993-05-26) & JP 05 011525 A (SHARP CORP), 22 January 1993 (1993-01-22)	1-3,5,6
Y	abstract; figure 1 paragraph '0023! - paragraph '0031!	4
A	US 5 923 923 A (KOBAYASHI ET AL) 13 July 1999 (1999-07-13) column 7, line 60 - column 11, line 22	1-6
Y	US 5 313 252 A (CASTELLI ET AL) 17 May 1994 (1994-05-17) column 5, line 51 - column 6, line 3	4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

16 February 2005

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24/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 523 830 A (TAMURA ET AL) 4 June 1996 (1996-06-04) the whole document	1-3,5,6
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09, 30 September 1996 (1996-09-30) & JP 08 123238 A (CANON INC), 17 May 1996 (1996-05-17) abstract	1-6
A	US 5 828 926 A (IWATA ET AL) 27 October 1998 (1998-10-27) column 6, line 26 - column 7, line 10; figures 1-5,8	1-6

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Information on patent family members

Inte Application No
PC 1/US2004/034824

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 05011525	A	22-01-1993	NONE	
US 5923923	A	13-07-1999	JP 9114265 A	02-05-1997
US 5313252	A	17-05-1994	JP 7209951 A	11-08-1995
US 5523830	A	04-06-1996	JP 3278089 B2 JP 7301960 A	30-04-2002 14-11-1995
JP 08123238	A	17-05-1996	NONE	
US 5828926	A	27-10-1998	JP 3591748 B2 JP 9146438 A	24-11-2004 06-06-1997